

OSCILLATOR

Oregon Tualatin Valley Amateur Radio Club (Est. 1978) November 1997

THE PREZ SAYS

By Betty, N7REX

Ham Radio operators are truly a hardy crew. Two recent events shore up my belief. One was the monthly social. Geno KA7KBH had everything planned, reservations made, invitations sent, etc. Well, you know the saying about best laid plans of mice or men. The establishment lost the reservations and double booked the room. So we, hardy trusting souls that we are, agreed to 'picnic' in the yard. The tables weren't entirely dry, the weather wasn't entirely dry, but the spirit of camaraderie couldn't be dampened. The Helvetia Tavern is famous for its burgers, fries, and onion rings. They were not a disappointment.

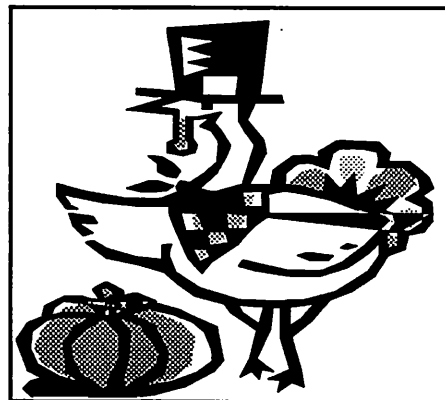
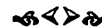
The second event took place during the October camp out. The spot for the fire pit, nestled between the trees, was ideal for Saturday night. Roger, KA7RNN, had provided wind breaks, with tarps tied to the trees on two sides. It provided shelter and a cozy environment for the evening storytelling. Sunday morning however, the pit and its fire found itself isolated in the shade of the trees while travelers gathered in the clearing for some welcome sun. Where there's a will there's a way. Roger, Marvel, KA7TZT, and I relocated the metal fire pit — *fire and all*.

November is a month for giving thanks, so the picture wall this month will be of something or someone you are thankful for. In addition, please bring a thank you note or card to give to someone in the club who you are thankful for. Remember the little things that bring you pleasure or make you feel at home. The cheerful smile, the funny story, the warm hard shake, the sharing, the caring, etc.

Speaking of thanks, and we were — thank you to all who met my challenge and helped pay the 440.350 repeater site bill for the second half of 1997. The board wants input from the

members at large as to whether this item should remain a donation only budget item, or reinstated as a budgeted item, or dropped from the club's special services club application. Please share your thoughts.

Election day is fast approaching. Hopefully OTVARC will be better organized than Washington County who forgot to put the actual ballot in the envelopes they mailed for the 'mail-in election.' Please consider running for an office. The club needs dedicated volunteers who will willingly serve on the board. See you at the club meeting and I hope to see your name on the ballot. 73, Betty



HAPPY THANKSGIVING

NEXT MEETING

Wednesday, November
12TH at 7PM

The program will be a video and discussion on those strange sounding signals we hear on the air. It will feature OTVARC from the past and provide a glimpse of our history.

W7OTV 146.90 (RPTR)

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OTVARC



WALKTOBERFEST 1997

By Betty, N7REX

Walktoberfest 1997's theme song should have been *Rain Drops Keep Falling on my Head*. Just ask Mike Coan our designated last walker. The event was held on Saturday, October 4th and the weather contributed to the low turn out of participants. Best guesstimates are that 600-800 people braved the elements and walked the 5.9 mile course. One of them being Mike who was equipped with a radio to listen in on our communications – an asset as it turned out, because some stragglers started out after he was sent on his way.

Other volunteers for the event included Bob, KI7QI; Ernie, KC7PMZ and Steve, KA7MOW, in "Toe Trucks" – *toe* since they pick up the toes that cannot make it the rest of the way around the course. Claire, KC7PMW, Mel, KB7PVW and Linda, KC7YTD, who were route monitors also helped. Harold, WA0BRU and Julie helped at rest stop one while Geno, K7GY and his daughter Lacey helped at rest stop two. Geno is such a pro at this event; he doesn't even bat an eyelash when I tell him his mission is to "search and discover." That is search for the porta-potties and discover where they put the rest stop this year. It is always in or near Laurelhurst park but the exact location seems to always be a mystery. Rounding out the crew were myself as net control and Chuck, KI7CL as director's shadow.

Again this year we were in communication with the Salem group whose walk was at the same time. Again this year the ham community was instrumental in facilitating communications between the groups and helping put the Salem group in touch with the representative from 'National.'

All but the last 50 walkers and a few dedicated hams were safely in to finish before the really heavy downpour. I think I owe people a hot cup of coffee, hot chocolate, or postum. Thank you for helping..... maybe next year we will have better weather.

~<>~

FCC ISSUES NEW FORM 610 OLD VERSION OBSOLETE

From The ARRL Letter

The FCC announced this week that as of January 1, 1998 Amateur Radio amateur radio applicants may *only* submit FCC Forms 610, 610A and 610B that carry an edition date of September 1997. After the first of the new year, previous editions of Form 610 will not be accepted for filing by the FCC or by Volunteer Examiner Coordinators (VECs). Amateurs may begin using the new Form 610 now (October 24).

The major change in the new form is a certification that says the applicant has "read and will comply with Section 97.13(c) of the Commission's Rules" regarding RF radiation safety and the amateur service section of OST/OET Bulletin No. 65. Evaluating Compliance with FCC Specified Guidelines for Human Exposure

to Radio Frequency Electromagnetic Fields.

But, Amateur Radio Supplement B of Bulletin 65, which has additional information on how to conduct a routine RF safety evaluation and explains other aspects of RF safety, is still in the draft stages and not yet available to the ham radio community.

ARRL Executive Vice President David Sumner, K1ZZ, says the League is concerned that the new Form 610 could be in the hands of hams before Amateur Radio Supplement B is complete. Sumner says it's essential that the FCC make Supplement B available in time for hams to complete their evaluations to meet the deadlines on the rules.

Section 97.13(c) reads: before causing or allowing an amateur station to transmit from any place where the operation of the station could cause human exposure to RF electromagnetic field levels in excess of those allowed under 1.1310 of this chapter, the licensee is required to take certain actions.

1. The licensee *must* perform the routine RF environmental evaluation prescribed by 1.1307(b) of this chapter, if the transmitter PEP exceeds the following limits: 160-40 meters, 500 Watts; 30 meters, 425 Watts (legal limit is 200 Watts, Ed.); 20 meters, 225 Watts; 17 meters, 125 Watts; 15 meters, 100 Watts; 12 meters, 75 Watts; 10 meters, 50 Watts; VHF (all bands), 50 Watts; 70 cm, 70 Watts; 33 cm, 150 Watts; 23 cm, 200 Watts; 13 cm, 250 Watts; SHF/EHF (all bands), 250 Watts.

2. If the routine environment evaluation indicates that the RF electromagnetic fields could exceed the limits contained in 1.1310 of this chapter in accessible areas, the licensee must take action to prevent human exposure to such RF electromagnetic fields. Further information on evaluating compliance with these limits can be found in the FCC's OET Bulletin 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.

The new form 610s may be obtained from the FCC's Web site via the Internet at:

<http://www.fcc.gov/formpage.html> or at <ftp://ftp.fcc.gov/pub/Forms/> or by FAX at 202-418-0177 (request index, or for Form 610 use form code 000610, for Form 610A use form code 006101, for Form 610B use form code 006102). The FCC Forms Distribution Center will accept FCC forms orders at 800-418-3676.

ARRL VEs and VE teams will be able to obtain a supply of the new Form 610 in mid to late November—once the ARRL/VEC has had time to obtain a supply of the new forms.

Individual amateurs may obtain a copy of the new form 610 by sending a self-addressed, stamped envelope (SASE) to: ARRL/VEC, 225 Main St, Newington, CT 06111. Include 32 cents postage for each Form 610 requested (this is a four page form). For general information, contact the FCC, 1270 Fairfield Rd, Gettysburg, PA 17325-7245, or call the FCC's National Call Center at 888-225-5322.

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JDF SENDS THANKS TO OTVARC

By Betty, N7REX

The Juvenile Diabetes Foundation (JDF) sends a great big *thank you* to OTVARC for its role in helping to make this year's "Walk to Cure Diabetes" a huge success.

Karen Brockmann, event coordinator, said, "We couldn't have done it without you (the ham radio operators) – and we had no injuries or accidents. Now that's a success." No hair raising call to the medic asking for an ETA as the child was now unconscious (Sharon KA7NAN will probably never forget last year).

The most eventful thing that happened this year was the very concerned mother who wanted the event coordinators to interrupt the live entertainment to ask if anyone had seen her kids. Neil WA6KLA had made the request from rest stop 4 and Chuck KI7CL, was checking with event personnel. Paul, KC7PMU broke in as the lady started to leave, Neil asked her to wait. Paul then relayed the message that the two kids in question were standing right beside him. Neil reported that the lady's face lit up like a Christmas tree. Ham radio once again made someone's day.

Karen reports that the annual JDF event raised \$150,00.00 for diabetes research. The following ham radio operators helped me with the event: Chuck, KI7CL; Earnie, KC7PMZ; Claire KC7PMW; Linda, KC7YTD; Neil, WA6KLA; and Paul KC7PMU. Thanks to all.

~<>~

OTVARC FOR LUNCH BUNCH

By Geno, KA7KBH

By request, the November lunch will be at the Hometown Buffet, located at 3790 SW Hall Blvd. in Beaverton. 100,000,000 foods to choose from and all you can eat. The date will be November 22 at 1:30PM.

.....METRO PICNIC UPDATE.....

The Metro Ham Picnic was a huge success. We had about 140 people there and lots of food, demonstrations and speakers. Our ARRL people we all present and said we had a good thing going.

We are already getting ready for next year. The preliminary date has been set for September 12. We have not decided on a site yet, but could be back at the Red Sunset Park.

If anyone has input on the site, get in touch with me. The next picnic meeting will be January 13TH. A big thank you to all who came and helped to make the picnic a big success.

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CHECKING POWER STRIPS

By Mark, K5AM, Via QST

What ham does not need a few of the ubiquitous power strips to accommodate the ac plugs of all of the various pieces of equipment in his shack? Last year, I inadvertently made a shocking (funny) discovery about these handy strips.

I opened up one of the power strips in order to attach a mounting bracket, and was surprised to find no ground wires connected to the ground terminals of the outlets! Pricing competition had led to cutting corners. All that connected the socket ground terminal to the power line ground was a single screw securing the socket to the painted enclosure.

True, the screw was fitted with a star lock washer – which would presumable cut through the paint and provide a ground connection – but, of course, the screw could loosen, and no prudent ham would consider such an arrangement acceptable.

I checked the power strips from several different manufacturers and found similar inadequate grounding arrangements. Each of the power strips I checked sported an underwriter's laboratory (UL) label.

Every electrically operated item in my shack is fitted with its own separate, heavy grounding wire secured to a common ground bus, which may explain why I experienced no problems from any possible open power-strip ground connections. Nevertheless, the situation was quite alarming. It was a chore to open each power strip, connect all the ground terminals, and label the strip "grounds Connected" with a marking pen, but the work gave me some peace of mind.

Here is some good news: I found one power strip, Model ME-6N6 (available at True Value hardware stores) that has *all* ground terminals connected with heavy wire, and well-soldered together to the line-cord ground wire and to the enclosure. As a plus, the ME-6N6 has built-in mounting tabs, ready for drilling and attaching to your operating bench.

Because manufacturing methods change, I still open and check each new strip before I use it, and label it GROUNDS CHECKED.

~<>~

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OLDEST WEST COAST CW MARITIME STATION CLOSES

From The ARRL LETTER

The oldest West Coast maritime station, KPH, in California's Marin County, 20 miles northwest of San Francisco, has been closed – a victim of a shrinking market for its services and competition from satellite systems. KPH was bought by Globe Wireless, a competitor. KPH used high speed Morse and SITOR to communicate with ships. The station had operated from the Bay Area for more than 80 years.



AREA HAMFAIRS AND SWAP- MEETS

By Mary Lou, NM7N, Division Director

-- 1998--

Feb 21 Salem Hamfair, Rickreall, OR

Mar 7 Mike & Key Fleamarket, Puyallup, WA

Mar 28 Eugene Hamfest, Eugene, OR

Apr 4 Clark County Hamfest, Vancouver, WA

Apr 11 Pendleton ARC, Pendleton, OR

Apr 25 Keno ARC, Klamath Falls, OR

May 29-31 SeaPac, Seaside, OR

Jun 27-28 Field Day

-- 1999 --

Jun 4-6 SeaPac, Seaside, OR



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ARRL ANNOUNCES 75TH ANNIVERSARY EDITION OF THE HANDBOOK

From The ARRL Letter

Ed. - This is a great electronics book for all amateurs to have. It is written about all the things amateurs want to know, and is chock full of down-to-earth goodies. It is well written and easy to read. Dont miss it!

The 1998 edition of the ARRL handbook for Radio Amateurs is out and at a new, lower price. This marks the 75th edition of this standard electronics reference book, which will sell for \$32. Over 6 million copies have been sold since it was first published in the 1920s. Radio amateurs, electronic experimenters, engineers, and technicians all have reserved a prominent place on their bookshelves for this essential electronics reference.

The 1998 Handbook provides 1200 pages of radio communication and electronics information – both theoretical and practical. A wide variety of construction projects and examples illustrate basic and advanced theory, from DC to microwaves. Schematics and photos help clarify principles, and several hundred tables provide valuable reference data. The use of a PC for both design and hardware control is integrated into many of the topics covered.

The book's 30 chapters cover ac/dc theory and components, analog and digital signal theory, test equipment and techniques, and other topics. Later chapters are devoted to power supplies, modulation, transmitting and receiving equipment, antennas, propagation and station setup. Chapters on components, construction safety and electromagnetic interference cover the hobby's practical aspects.

Instead of bundling software with the handbook, all programs associated with some projects will be available free of additional charge from the ARRL Web and the Hiram Bulletin Board (860-594-0306). All the software runs under Windows, and most works under DOS as well.

The ARRL handbook for Radio Amateurs is item number 1786. It's available from Amateur Radio dealers or ARRL Publication Sales, 225 Main St, Newington, CT 06111-1494; Tel (toll free) 888-277-5289 or FAX 860-594-0303. You can also order publications via the Internet at <http://www.arrl.org/>. When ordering from ARRL, include \$6 for UPS shipping.

Disregard any rumors concerning the discontinuance of the ARRL Handbook in favor of a CD-ROM edition. ARRL Publications Editor, Mark Wilson, K1RO, says "the paper handbook remains our flagship technical publication, and we do not see that changing any time soon."



IN MEMORY

By Bob Shelby,

We are saddened to learn of the passing of our member, **SOMEONE ELSE**. **ELSE**'s passing created a vacancy that will be difficult to fill. **ELSE** had been with us for many years and did far more than a normal member's share of the work. Whenever there was a job to do or a meeting to attend, one name was always on everyone's lips: "let **SOMEONE ELSE** do it." It is common knowledge that **SOMEONE ELSE** was one of the largest givers in our group. Whenever there was a need, everyone just assumed that **SOMEONE ELSE** would do it.

SOMEONE was a wonderful person, sometimes appearing super-human, but a person can only do so much. Were the truth known, everyone expected too much of **SOMEONE ELSE**. Now **ELSE** is gone and we wonder what we are going to do.

SOMEONE ELSE left a wonderful example to follow. But who is going to follow through on things that **SOMEONE ELSE** did? When you are asked to help or volunteer, please remember that we cannot depend on **SOMEONE ELSE** any more. (thanks to 10-10 INTERNATIONAL NEWS)

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NO HAM VICTORY IN RECENT LITTLE LEO'S PACT

From The ARRL Letter

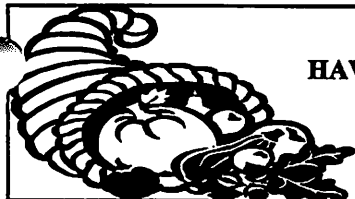
Several hams have touted a recent FCC announcement about Little LEO allocations as a victory for ham radio. This is not the case, however. The recent announcement simply formalized an agreement among the five remaining Little LEO (low earth orbiting) satellite industry applicants over how to divvy up VHF allocations the industry already shares with US Government services.

A request for additional allocations (and the remote possibility of sharing on amateur frequencies will be on the table at WRC-97 in Geneva, which kicked off late in October. This is not an issue for the FCC alone to decide, but the FCC has had input to the positions of the US delegation to WRC-97. At this time there are no US proposals on the table at WRC-97 that involve Little LEO sharing of Amateur Radio Frequencies.

As most of you know, the Little LEOs satellite industry already has proposed sharing three of our VHF and UHF bands to obtain "additional spectrum" they desire. They already have access to 148-149.9 Mhz (uplink) and 137-138 Mhz (downlink), plus some space in the 400 Mhz band.

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HAVE A BOUNTIFUL AND
PLEASANT
THANKSGIVING DAY



DOE SAYS NO MORE EMI STUDY

From World Radio, August '97

The Department of Energy (DOE) is pulling out of research on the possible health risks of electromagnetic fields. The agency's decision follows a report last fall by the National Academy of Sciences that found no conclusive evidence of adverse health effect from these fields.

The Department of Energy's decision to abandon further study was made in a March 7th letter to the National Institute of Environmental Health Sciences.

Writing in the journal *Science*, Keith Florig, a scientific policy expert at Carnegie Mellon University, says that research on EMF (Electro Magnetic Field) risks has not been very productive. As such, science really isn't up to the task of answering the question.

The decision by the DOE to pull the plug on EMF research also ends another program. This one is a two decade study of possible EMF related biological mechanisms. (Comment by K4ZC: It would be nice if this would have some effect on the recently-adopted FCC rules on measurements of amateur radio station emissions. However, this finding is for power-line frequencies only, and will have no apparent effect on the upcoming requirements for amateur station emission measurements.)

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USS CONSTITUTION BIRTHDAY

By W7OTV

The USS Constitution is this nation's and the world's oldest commissioned warship. This famous 175 foot long, 44 gun frigate, was launched on *October 21, 1797*, and first put to sea in 1798. The USS Constitution has been a part of the US Navy since that day, making her the oldest commissioned warship afloat, anywhere in the world

The USS Constitution, which was never beaten in 30 battles at sea, also emerged unscathed after its first sailing in more than a century. Extensive repairs were recently completed to the 200 year old vessel, and this sailing allowed structural tests to be made and divers to inspect the hull. It was the first time "Old Ironsides" had taken to the seas under its own power in 116 years. No damage was found, except for minor leaking, which Navy officials said was no cause for worry.

In 1798 the USS Constitution and her sister ships were the most powerful frigates ever conceived to date, yet swift enough to escape from larger ships of the line.

She carried the heaviest armaments available, and her design allowed for more living space for the crews, with large storage space for provisions and munitions. Her "weight of metal" (the

(Continued on page 6)

(Continued from page 5)

cumulative weight of the projectiles she could fire using all of her guns) was estimated at over 1,500 pounds.

At full strength, the USS Constitution's crew consisted of over 450 officers and men.

She carries nearly eight miles of running rigging, used to control the sails, and over 27 miles of standing rigging, the lines necessary to support the masts, yards, bowsprit and other parts of the ship.

You can visit the USS Constitution at her permanent home port of Boston, Massachusetts.

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VANITY CALL SIGN UPDATE

From The ARRL Letter

With the FCC yet to announce when it plans to open the last vanity call sign program gate, the program continues to be popular. The FCC at Gettysburg reports it received 601 vanity applications during the month of September. More than 400 of them were filed electronically.

Gettysburg processed all vanity applications through August 29, 1997. There were 390 grants and 305 WIPs (work in process). The FCC said it expected to complete WIPs processing for August this week. There's still no word on when Gate 4 will open.

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AREA VE TESTING SCHEDULE

By K7OTV

Phantom Amateur Radio Club (PARG)

Second and fourth Sunday of each month
Contact John, KA0SSF, at 503-626-7399

Salem Amateur Radio Club

Third Saturday of each month
Contact Sandy, N7TQQ, at 1-800-920-9604

Clark County Amateur Radio Club

Contact 360-896-8909

Portland Adventist Radio Club

Contact Edith, KA7MIF, at 642-5803

Hoodview Amateur Radio Club

December 6th
Contact Patsy, KA7MZZ, at 503-668-4305

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ITEMS OF INTEREST

From the W5YI Report

The International Telecommunications Union has transferred the VRA-VRZ prefix to the peoples Republic of China. The block, previously allocated to the UK, will now be used by the Hong Kong Special Administrative Region. Hong Kong amateurs are being allowed to change the numeral in their call sign to "97" in 1997 and "98" in 1998.

Codeless Tech's can operate HF, but they will have to go to Japan to do it. US No-code Technician class amateurs operating in Japan on a reciprocal license may operate 10-watt HF phone on all bands (except 30, 20 and 17 meters). These are the same privileges available to the code-free Japanese 4th class. A trivia: Half of all amateur radio stations in the world are located in Japan. There are more than 2 million licensed Japanese radio amateurs operating 1.4 million ham stations. - and most are the no-code 4th class.

Looking for a new or changed station call sign? The Lantz Call Book Service (CBS) lists all FCC licensing changes handled during the previous 24 hours and posts the information by 6:00 AM EST.

Check http://www.lantzcom/htbin/cbs_today Only new licenses. Upgrades, and call sign changes are listed.

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SEPTEMBER BOARD MEETING

By W7OTV

Abbreviated Minutes of the 24 September '97 Meeting

1. Attendees were Betty Mickley, Hanford Van Ness, Jack Smithson, Will Sheffield, Dale LeBarron and Al Berg.
2. Betty gave a positive report on the Metro area picnic. She noted that the OTVARC VE Test will occur on Sunday, September 28. Carl Clawson is the Coordinator. Betty discussed whether club members would be willing to help hams who are handicapped by putting up antennas, etc.
3. Betty will seek out a volunteer to chair the nominating committee for the upcoming Officer & Director positions.
4. Betty distributed a P&L sheet for officers to study and be ready to discuss at the next meeting.

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The new law limiting liability of volunteers (including VEs and Official Observers) became effective on September 16th. But, don't interpret that to mean that you can't be sued. Volunteers can still be taken to court for harassment, criminal acts and reckless disregard for the rights of others.

WORLD RADIO COMMUNICATION CONFERENCE 97 TO OPEN IN GENEVA

From The ARRL Letter

Four items of prime interest to Amateur Radio will be on the agenda when the World Radiocommunication Conference 97 (WRC-97) opens October 27 in Geneva, Switzerland. WRC-97 delegates will discuss the so-called "Little LEO" issue during the month long session.

While the Little LEO industry's preliminary proposals to share 2 meters, 1 1/4 meters and 70 cm, generated quite a stir in the amateur community last year, current US proposals do not include any plans for sharing of amateur frequencies.

Also of interest to hams is the specter of increased interference on some amateur UHF allocations from Earth Exploration Satellites (EES), used for mapping by synthetic aperture radars (SARs) that are expected to be mostly active in the Southern hemisphere. WRC-97 will be asked to consider allocating the band 430-440 Mhz to EES and upgrading the status of EES at 1240-1300 Mhz. Amateur Radio delegates will make known the needs of our service.

AMATEUR RADIO PACKET BBS

By Chris Hintz KK6KX
From Amateur Radio Focal Point

The National Weather Service in Portland, Oregon is pleased to announce they now have a fully operational Amateur Radio Packet BBS.

The BBS operates 24 hours a day on 145.07Mhz, under the call sign N7WAP, alias NWSPDX. It also serves as a node for the packet network with the alias NWS.

The BBS provides two functions. First, it allows Amateur Radio operators to view a variety of NWS products, including short and long term forecasts for Oregon and Washington, marine forecasts, weather discussions, hourly observations, winter weather statements, river information, and flood statements (when issued). In addition, it provides a means by which trained weather spotters can send spotter reports via packet to the NWS. Incoming messages are automatically transferred from the packet station to our mainframe system (AFOS) and are displayed on screen for our forecasters to view.

For our Amateur Radio Weather Spotters who have undergone spotter training, you will be receiving a packet of information on how to use the system. Information is also provided online by entering an "I" at the command prompt.

If you are part of an Amateur Radio Club active in packet and would like to receive spotter training, let us know. We will be

more than happy to come to your club and provide training.

The NWS is looking forward to putting the NWSPDX Packet BBS into service. It is believed that the Amateur Radio community will provide beneficial weather information vital for the protection of life and property. Your comments, questions and suggestions are welcome.

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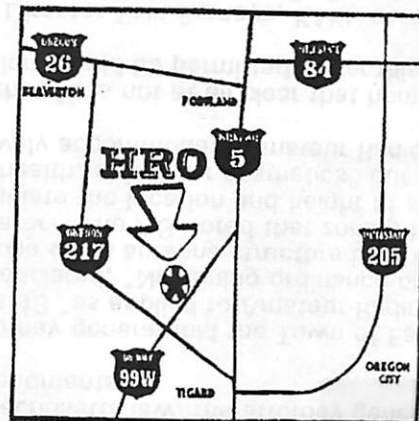
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CONTEST COMMITTEE

By Jim, KB7AAAAAADH

Did you miss the '5th Wednesday Contest on October 30? Well there will be four more '5th Wednesday Contests' in 1998. They will be in April, July, September and December. So, mark your calendars now!

Is four contests enough? Would you like to have a different contest format? Someone suggested a 'Sink the Bismark' contest, whatever that is. How about putting a W7OTV station on the air during one of the big HF contests?

I have agreed to head the Contest Committee for 1998. Anyone who has ideas or is interested in helping organize our OTVARC contests, please contact me at 245-2518.

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It's better to be known by six people for something you're proud of, than by 60 million for something you're not!

A GREAT IDEA FOR MOBILERS

By W7OTV

This advertisement recently appeared in QST: To prevent accidentally discharging your vehicle battery, Oak Bay Technologies introduced its BS-25 automatic battery saver module, which installs between your vehicle battery and your mobile radio equipment, automatically cutting power to the gear shortly after the ignition switch is turned off (4 to 8 minute delay).

Rated to 25 amps at 14.8 volts, the BS-25 is housed in a durable steel enclosure that measures about 2X2X1 inches. According to the manufacturer, the unit preserves car batteries and promotes correct wiring practices. The BS-25 ships with a fuse, complete instructions and a one-year warranty.

For pricing and availability, contact Oak Bay Technologies at PO Box 65494, Port Ludlow, WA 98365, tel 360-437-0718. (Ed. - No approval of this device is being made and no devices have been tested by me or OTVARC. No local info has been received.)

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REPEATER QUESTIONNAIRE

Do you think the club should own a repeater? Yes____No____

If yes, should it be 2m or 450? (circle one) 2m 450

Should it be (circle one) Broad coverage Local coverage

Should it have an autopatch? Yes____No____

Please express your thoughts on why you think the club should have or not have it's own repeater.

Please copy or clip and bring to a club meeting or mail this to our club address. Your input is valuable. Thanks.

OTVARC Club Contacts

OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	Jim Schaeffer	KB7ADH	245-2518
Secretary	Dale LeBarron	W7FBP	638-7768
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	WB7SIC	640-5456
Trustee	Stan Griffiths	W7NI	649-0837

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	J.D. Fort	KC7EHT	629-8050
Field Day	Carl Clawson	WS7L	629-5796
Healthe & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	WB7SIC	640-5456
Internet Home Page	Marc Chamberlin	WA7PXW	357-1869
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Randy Stimson	KZ7T	297-1175
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	KI7CL	652-1284
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	Open		
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	WB7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
Station Trustee	Chuck Mickley	KI7CL	642-3713
Social	Geno Buell	KA7KBH	614-0563
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7AGQ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus.Card	2" X 3"	\$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: WWW.EASYSTREET.COM/OTVARC

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OTVARC

OregonTualatin Valley ARC

PO Box 5132

Aloha, OR 97006-0132

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